

File 9:Business & Industry(R) Jul/1994-2005/Dec 06  
(c) 2005 The Gale Group  
File 15:ABI/Inform(R) 1971-2005/Dec 07  
(c) 2005 ProQuest Info&Learning  
File 16:Gale Group PROMT(R) 1990-2005/Dec 07  
(c) 2005 The Gale Group  
File 20:Dialog Global Reporter 1997-2005/Dec 07  
(c) 2005 Dialog  
File 47:Gale Group Magazine DB(TM) 1959-2005/Dec 07  
(c) 2005 The Gale group  
File 75:TGG Management Contents(R) 86-2005/Dec W1  
(c) 2005 The Gale Group  
File 80:TGG Aerospace/Def.Mkts(R) 1982-2005/Dec 07  
(c) 2005 The Gale Group  
File 88:Gale Group Business A.R.T.S. 1976-2005/Dec 07  
(c) 2005 The Gale Group  
File 98:General Sci Abs/Full-Text 1984-2004/Dec  
(c) 2005 The HW Wilson Co.  
File 112:UBM Industry News 1998-2004/Jan 27  
(c) 2004 United Business Media  
File 141:Readers Guide 1983-2004/Dec  
(c) 2005 The HW Wilson Co  
File 148:Gale Group Trade & Industry DB 1976-2005/Dec 07  
(c)2005 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2005/Dec 07  
(c) 2005 The Gale Group  
File 264:DIALOG Defense Newsletters 1989-2005/Dec 06  
(c) 2005 Dialog  
File 484:Periodical Abs Plustext 1986-2005/Dec W1  
(c) 2005 ProQuest  
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec  
(c) 2005 The HW Wilson Co  
File 570:Gale Group MARS(R) 1984-2005/Dec 07  
(c) 2005 The Gale Group  
File 608:KR/T Bus.News. 1992-2005/Dec 07  
(c)2005 Knight Ridder/Tribune Bus News  
File 620:EIU:Viewswire 2005/Oct 19  
(c) 2005 Economist Intelligence Unit  
File 613:PR Newswire 1999-2005/Dec 07  
(c) 2005 PR Newswire Association Inc  
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Dec 07  
(c) 2005 The Gale Group  
File 623:Business Week 1985-2005/Dec 01  
(c) 2005 The McGraw-Hill Companies Inc  
File 624:McGraw-Hill Publications 1985-2005/Dec 07  
(c) 2005 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2005/Dec 03  
(c) 2005 San Jose Mercury News  
File 635:Business Dateline(R) 1985-2005/Dec 07  
(c) 2005 ProQuest Info&Learning  
File 636:Gale Group Newsletter DB(TM) 1987-2005/Dec 07  
(c) 2005 The Gale Group  
File 647:CMP Computer Fulltext 1988-2005/Dec W1  
(c) 2005 CMP Media, LLC  
File 696:DIALOG Telecom. Newsletters 1995-2005/Dec 06  
(c) 2005 Dialog  
File 674:Computer News Fulltext 1989-2005/Oct W2  
(c) 2005 IDG Communications  
File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	37667	(UNBALANCED() (WEAVE?? OR WEAVING) OR WOVEN OR WARP OR WEFT- ) (3N) (MATERIAL?? OR FABRIC?? OR TEXTILE?? OR CLOTH)
S2	34	(TAPE?? OR CLEAN? (3N) TAPE??) (3N) (SEA? ISLAND OR POROUS OR F- OAM? OR ULTRA OR MICRO ) (1N) (FIBER?? OR FIBRE?? OR DENIER)
S3	225444	(RUN???? OR MOV??? OR TRAVEL??? OR FEED???) (3N) (DIRECTION - OR ORIENTAT??? OR PATH?)
S4	0	AU=(MITSUNOBU, U? OR MITSUNOBU U?)
S5	624751	(MEDIA OR TAPE OR DISC?? OR DISK?? OR WEB????) (3N) (MAGNETI- C? OR OPTIC? OR STORAGE? OR RECORD???)
S6	2	S1 AND S2
S7	1	S2 AND S3
S8	0	S7 NOT S6
S9	11	(S2 OR S3) (3N) S5
S10	0	S9 AND S1
S11	8	RD S9 (unique items)
S12	8	S11 NOT PY>2002
S13	0	S12 AND (WARP OR WEFT)

6/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

09077652 Supplier Number: 79128758 (USE FORMAT 7 FOR FULLTEXT)  
2001 K Show Directory.(chemical firms management, product and services  
information)(Directory)(Statistical Data Included)  
Modern Plastics, v78, n10, pK3  
Oct, 2001  
Language: English Record Type: Fulltext  
Article Type: Directory; Statistical Data Included  
Document Type: Magazine/Journal; Trade  
Word Count: 7919

... all  
aspects of plastic processing, such as injection  
molding, blow molding and extrusion including  
film, **fiber** , **tape** , **foam** , sheet, profile, etc.

Hall 5, Booth 5 J 27

Plasticolors, Inc.  
2600 Michigan Ave.  
Ashtabula...machines, bag, sack and carrier bag  
equipment, packaging systems and equipment  
for the conversion of **woven** plastic  
**materials** .

Hall 17, Booth A59

Wittmann Kunststoffgerate GmbH  
Lichtblaustrasse 10  
Vienna, Austria A-1220  
Tel: 43...

6/3,K/2 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08124425 SUPPLIER NUMBER: 17389671 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Plastics technology: manufacturing handbook & buyers' guide 1995/96.(Buyers  
Guide)**  
Plastics Technology, v41, n8, pCOV(941)  
August, 1995  
DOCUMENT TYPE: Buyers Guide ISSN: 0032-1257 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 174436 LINE COUNT: 15187

... that can place fiber tows along paths not achievable by manual  
lay-up or automated **tape** -laying systems. **Fiber** -placement head on a  
robotic arm heats tows until they are tacky, and compaction roller...

12/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01284464 99-33860  
**LS-120 technology overview**  
Perry, Dave  
Computer Technology Review Office Technologies Supplement PP: 91-95  
Summer 1996  
ISSN: 0278-9647 JRNL CODE: CTN  
WORD COUNT: 1864

...TEXT: they pass through the illuminated spots at 20,000 stitches per second due to the **disk** rotation.

As the **optical** head **moves** in the radial **direction**, the minimum reflected light intensity changes. When the spot is centered on a stitched optical...

12/3,K/2 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

08636093 Supplier Number: 74581338 (USE FORMAT 7 FOR FULLTEXT)  
**Confusion keeps Sans on the shelf.(Technology Information)**  
Enticknap, Nicholas  
Computer Weekly, p48  
May 3, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1409

... intelligence to the switch -- Axxess is essentially a special-purpose server that serves this function.  
**Tape** drive supplier **Storage** Technology is **moving** in the same **direction** but from a different starting point. It launched the Storagenet 6000 last October as a...

12/3,K/3 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

05076123 Supplier Number: 47451873 (USE FORMAT 7 FOR FULLTEXT)  
**PHILIPS TO UNVEIL 'DIGAMAX' DATA RECORDING FORMAT**  
Consumer Electronics, v37, n23, pN/A  
June 9, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 695

... has reached end of its run, tape reverse and heads are stepped small distance across **tape** to **record** another 8 tracks **running** in opposite **direction**. Process repeats itself 24 times to lay down total of 192 parallel tracks, in groups...

12/3,K/4 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter

(c) 2005 Dialog. All rts. reserv.

04436394 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**IBM Teams With Pathlight Technology to Deliver New San Data Gateway Under Multi-Year Agreement**

BUSINESS WIRE

February 24, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 848

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... IBM Storage Area Network Data Gateway delivers interconnectivity that enables the attachment of SCSI and **Ultra** SCSI-attached **disk** and **tape storage** systems to **Fibre** Channel-enabled UNIX-based servers from IBM, Sun Microsystems, and Hewlett-Packard as well as...

12/3,K/5 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2005 Dialog. All rts. reserv.

04384002 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**IBM: IBM storage area network initiative enables access to information any time, anywhere**

M2 PRESSWIRE

February 18, 1999

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1175

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... utilizing technology from Pathlight Technology, Inc., an IBM Partner, enables the attachment of SCSI and **Ultra** SCSI-attached **disk** and **tape storage** systems to **Fibre** Channel-enabled UNIX-based servers from IBM, Sun Microsystems, and Hewlett-Packard as well as...

12/3,K/6 (Item 3 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2005 Dialog. All rts. reserv.

04354318 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**IBM Storage Area Network Initiative Enables Access to Information Any Time, Anywhere**

BUSINESS WIRE

February 17, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1235

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... utilizing technology from Pathlight Technology, Inc., an IBM partner, enables the attachment of SCSI and **Ultra** SCSI-attached **disk** and **tape storage** systems to **Fibre** Channel-enabled UNIX-based servers from IBM, Sun Microsystems, and Hewlett-Packard as well as...

12/3,K/7 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

01747800 SUPPLIER NUMBER: 02745535 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Peripheral visions '83.**

King, Mary Britton

School Product News, v22, p25(3)

May, 1983

ISSN: 0036-6749 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1257 LINE COUNT: 00101

... words, the magnets are aligned parallel to the disk's surface and parallel to the **direction** the disk is **moving** . This alignment has **disk storage** limited to about 10,000 bits per inch.

By placing the magnets vertically -- perpendicular to...

12/3,K/8 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

02149337 SUPPLIER NUMBER: 20295554

**Vintage disks in high gear. (magnetic hard disk drives) (Technology Information) (Cover Story)**

Davis, Gode

SunExpert, v9, n2, p48(9)

Feb, 1998

DOCUMENT TYPE: Cover Story ISSN: 1053-9239 LANGUAGE: English

RECORD TYPE: Abstract

...ABSTRACT: 000-rpm drives expected in next-generation machines. There are many interface options available, including **Ultra** SCSI and **Fibre** Channel. **Tape storage** technology has also evolved significantly and now includes the half-inch Digital Linear Tape (DLT..

File 348:EUROPEAN PATENTS 1978-2005/Nov W04

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20051201,UT=20051124

(c) 2005 WIPO/Univentio

Set	Items	Description
S1	40562	(UNBALANCED() (WEAVE?? OR WEAVING) OR WOVEN OR WARP OR WEFT- ) (3N) (MATERIAL?? OR FABRIC?? OR TEXTILE?? OR CLOTH)
S2	61	(TAPE?? OR CLEAN?(3N)TAPE??) (3N) (SEA?ISLAND OR POROUS OR F- OAM? OR ULTRA OR MICRO ) (1N) (FIBER?? OR FIBRE?? OR DENIER)
S3	161057	(RUN???? OR MOV??? OR TRAVEL??? OR FEED???) (3N) (DIRECTION - OR ORIENTAT??? OR PATH?)
S4	1149	((MEDIA OR TAPE OR DISC?? OR DISK?? OR WEB????) (3N) (MAGNET- IC? OR OPTIC? OR STORAGE? OR RECORD???) (3N) S3
S5	0	AU=(MITSUNOBU, U? OR MITSUNOBU U?)
S6	2	S1(20N)S2
S7	2	S2 AND S3
S8	2	S7 NOT S6
S9	0	S4(3N)S1
S10	11	S4 AND S1
S11	11	S10 AND (S2 OR S3)
S12	11	S11 NOT (S6:S8)
S13	11	S12 NOT AD=20021003:20051207/PR
S14	10	S13 AND IC=G11B?

6/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00479217 \*\*Image available\*\*

COMBINATION ELECTROLYTIC POLISHING AND POLISHING AND TEXTURING MACHINE AND  
THE COMBINATION ELECTROLYTIC POLISHING AND POLISHING AND TEXTURING TAPE  
USED IN THE SAID MACHINE  
MACHINE ASSOCIANT UN POLISSAGE ELECTROLYTIQUE, UN POLISSAGE ET UNE  
TEXTURATION ET BANDE POUR POLISSAGE ELECTROLYTIQUE, POLISSAGE ET  
TEXTURATION COMBINES UTILISEE DANS CETTE MACHINE

Patent Applicant/Assignee:

UNIQUE TECHNOLOGY INTERNATIONAL PTE LTD,  
TANI Kazunori,  
KAWACHI Kohichi,

Inventor(s):

TANI Kazunori,  
KAWACHI Kohichi,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9910569 A1 19990304  
Application: WO 97SG51 19971003 (PCT/WO SG9700051)  
Priority Application: JP 97226923 19970825

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

JP KR SG US

Publication Language: English

Fulltext Word Count: 2677

Fulltext Availability:

Detailed Description

Detailed Description

... SYMBOLS

- 1 Texturing tape 2 Porous tape backing (film)
- 3 Binder resin layer 4 Flocked fibres
- 5 Porous tape backing (non- woven cloth ) 6 Porous synthetic  
resin foam
- 7 Disk board 8 Pressure roller
- 9 Polishing grains 10 Electrolytic solution...

6/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00110184

PROCESS FOR THE PRODUCTION OF ALKALI METAL POLYESTER SILICATE RESINOUS  
PRODUCTS  
PROCEDE DE PRODUCTION DE PRODUITS RESINEUX DE POLYESTER SILICATE DE METAUX  
ALCALINS

Patent Applicant/Assignee:

BLOUNT DAVID H,

Inventor(s):

BLOUNT DAVID H,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8202388 A1 19820722  
Application: WO 80US1769 19801230 (PCT/WO US8001769)  
Priority Application: WO 80US1769 19801230

Designated States:



(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

DE GB NL NO SE FR

Publication Language: English

Fulltext Word Count: 11287

Fulltext Availability:

Detailed Description

Detailed Description

... used, e.g., as powders,  
granules, foam particles, beads, hollow beads,, foamable (but not-yet@  
foamed ) particles, **fibers** , **tapes** , **woven fabrics** , or fleeces,  
the following  
may be mentioned as examples: polystyrene, polyethylene, polypropylene,  
polyacrylonitrile, polybutadiene, poly...

8/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

01557677

Cleaning tool for optical connector  
Reinigungsvorrichtung für einen optischen Stecker  
Dispositif de nettoyage pour un connecteur optique

PATENT ASSIGNEE:

NTT Advanced Technology Corporation, (1703024), Shinjuku Mitsui Bldg.,  
31F, 1-1 Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo, (JP), (Applicant  
designated States: all)

INVENTOR:

Miyake, Taisei c/o NTT Advanced Tech. Corp., Shinjuku Mitsui Bldg. 1-1  
Nishi-Shinjuku 2-chome, Shinjuku-ku Tokyo, (JP)

LEGAL REPRESENTATIVE:

von Samson-Himmelstjerna, Friedrich R., Dipl.-Phys. et al (12469), SAMSON  
& PARTNER Widenmayerstrasse 5, 80538 München, (DE)

PATENT (CC, No, Kind, Date): EP 1296167 A2 030326 (Basic)  
EP 1296167 A3 031105

APPLICATION (CC, No, Date): EP 2002018021 020812;

PRIORITY (CC, No, Date): JP 2001246485 010815

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G02B-006/38; B08B-001/00

ABSTRACT WORD COUNT: 78

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200313	405
SPEC A	(English)	200313	2719
Total word count - document A			3124
Total word count - document B			0
Total word count - documents A + B			3124

...SPECIFICATION proposed to replace the wet cleaning tool described above.  
According to the dry cleaning tool, **ultra** -thin **fiber** formed into a  
**tape** -like shape is urged and rubbed against the engaging end face or  
connecting end face...31 to be parallel to it.

Subsequently, the plug main body 21 is held and **moved** in the  
longitudinal **direction** (direction of arrow A or B) of the sheet. Hence,  
the plug holding member 5...

8/3,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

00316144

Molecularly oriented molded body of ultra-high-molecular-weight  
ethylene/polyene copolymer.

Molekular orientiertes geformtes Gebilde aus einem Äthylen-Polyencopolymer  
mit sehr hohem Molekulargewicht.

Objet forme, a orientation moleculaire, a partir d'un copolymere  
d'ethylene-polyene de tres haut poids moleculaire.

PATENT ASSIGNEE:

MITSUI PETROCHEMICAL INDUSTRIES, LTD., (213640), 2-5, Kasumigaseki  
3-chome Chiyoda-ku, Tokyo 100, (JP), (applicant designated states:  
AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Yagi, Kazuo, 2-6, Misono 1-chome, Ohtake-shi Hiroshima-ken, (JP)  
Toyota, Akinori, 103-21, Minami Iwakuni-cho 2-chome, Iwakuni-shi  
Yamaguchi-ken, (JP)

LEGAL REPRESENTATIVE:

Cresswell, Thomas Anthony et al (50352), J.A. Kemp & Co. 14 South Square  
Gray's Inn, London WC1R 5EU, (GB)

PATENT (CC, No, Kind, Date): EP 307155 A2 890315 (Basic)  
EP 307155 A3 900321  
EP 307155 B1 940126

APPLICATION (CC, No, Date): EP 88308201 880905;

PRIORITY (CC, No, Date): JP 87221213 870905

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: D01F-006/30; B29C-055/00;

ABSTRACT WORD COUNT: 152

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	378
CLAIMS B	(German)	EPBBF1	317
CLAIMS B	(French)	EPBBF1	409
SPEC B	(English)	EPBBF1	6649
Total word count - document A			0
Total word count - document B			7753
Total word count - documents A + B			7753

...SPECIFICATION example, Japanese Patent Application Laid-Open

Specification No. 15408/81 discloses a process comprising spinning a dilute **solution** of **ultra** -high-molecular-weight polyethylene and drawing the obtained filaments. Furthermore, Japanese Patent Application Laid-Open...the ethylene copolymer is once fused completely and is then cooled to moderate the molecular **orientation** and the **temperature** is elevated again.

More specifically, in the molecularly oriented molded body of the present invention...

14/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

01667597

Head shield for a tape drive  
Kopfabschirmung fur einen Bandantrieb  
Ecran de tete pour entrainement de bande

PATENT ASSIGNEE:

QUANTUM CORPORATION, (567673), 501 Sycamore Drive, Milpitas, CA 95035,  
(US), (Applicant designated States: all)

INVENTOR:

Rathweg, Christopher, 605 West Hawthorn Street, Louisville, Colarado80027  
, (US)

LEGAL REPRESENTATIVE:

Charig, Raymond Julian et al (79692), Eric Potter Clarkson, Park View  
House, 58 The Ropewalk, Nottingham NG1 5DD, (GB)

PATENT (CC, No, Kind, Date): EP 1369865 A2 031210 (Basic)

APPLICATION (CC, No, Date): EP 2003253540 030604;

PRIORITY (CC, No, Date): US 165253 020605

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: G11B-015/00 ; G11B-015/67 ; G11B-015/68 ;

G11B-015/62 ; G11B-005/48 ; G11B-005/41 ; G11B-005/11 ; G11B-005/40

ABSTRACT WORD COUNT: 205

NOTE:

Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200350	1113
SPEC A	(English)	200350	5473
Total word count - document A			6586
Total word count - document B			0
Total word count - documents A + B			6586

INTERNATIONAL PATENT CLASS: G11B-015/00 ...

... G11B-015/67 ...

... G11B-015/68 ...

... G11B-015/62 ...

... G11B-005/48 ...

... G11B-005/41 ...

... G11B-005/11 ...

... G11B-005/40

...SPECIFICATION 12 into the tape drive 14, the second shield mover 64  
rotates in a counterclockwise **direction** which **moves** the head shield  
60 toward the second shield mover 64, i.e. the second shield...

...During unloading of the cartridge 12, the cartridge leader 28 and the  
drive leader 40 **move** in an opposite **direction** proximate the tape head  
34. The cartridge leader 28 is then released from the drive...

...polyester material. Still alternately, for example, each of the layers could be made from a **woven material**, or any other suitably strong material. Further, the cartridge leader 28 can be formed from...

...CLAIMS of claim 10.

12. A tape drive adapted for use with a cartridge having a **storage tape** that **moves** along a **tape path**, the tape drive comprising:  
a drive housing;  
a tape head coupled to the drive housing...

14/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01600404

TAPE REEL AND TAPE CARTRIDGE WITH THE TAPE REEL  
BANDSPULE UND BANDKASSETTE MIT DER BANDSPULE  
BOBINE DE BANDE MAGNETIQUE ET CARTOUCHE DE BANDE MAGNETIQUE COMPRENANT  
CETTE BOBINE DE BANDE MAGNETIQUE

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,  
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

SANPEI, Takaaki; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
KIKUCHI, Shuichi; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
SASAKI, Kazuo; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
SAKURAI, Mitsue; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
KUROKAWA, Toshiya; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
MAEKAWA, Katsumi; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)  
CHIBA, Hitomi; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo 141-0001, (JP)

LEGAL REPRESENTATIVE:

Leppard, Andrew John (135871), D Young & Co, 21 New Fetter Lane, London  
EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1441349 A1 040728 (Basic)  
WO 2003038824 030508

APPLICATION (CC, No, Date): EP 2002775456 021031; WO 2002JP11371 021031

PRIORITY (CC, No, Date): JP 2001337215 011101; JP 2001337216 011101; JP  
2002183718 020624; JP 2002218558 020726

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G11B-023/107**

ABSTRACT WORD COUNT: 100

NOTE:

Figure number on first page: 14

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200431	1210
SPEC A	(English)	200431	10468

Total word count - document A           11678  
Total word count - document B           0  
Total word count - documents A + B   11678

INTERNATIONAL PATENT CLASS: G11B-023/107

...SPECIFICATION method.

The plurality of movable guides 6a to 6d are movably provided on a predetermined **path** by a **moving** mechanism that is not shown. Then, by moving to predetermined positions, the **running path** of the **magnetic tape** supplied from the tape cartridge 100 is defined.

The chucking mechanism 300 chucks the leader...

...the magnetic tape, which is supplied by carrying the leader block 110 through a predetermined **running path** by the plurality of movable guides 6a to 6d.

In other words, the degree of...

...a magnetic tape T supplied from the tape cartridge 100 is guided to a predetermined **running path**, and the **magnetic tape** T is wound around half the circumference of the head drum 2. Consequently, the recording...is made of material that is absorbent of the lubricating oil, for example, a non- **woven cloth** or the like.

In the ball bearing 180, when the tape reel 150 is rotated...

...located at the lowest point PA. When, from this state, the support section 301 is **moved** in the **direction** of arrow J and the rod member 302 is inserted into the insertion section 110a...

...tape LT that is supplied by the pulling out of the leader block 110 also **moves** in a **direction** inclined with respect to the side surface 103s2. For this reason, the leader tape LT...

...the tape cartridge 100 subsequent to the leader tape LT is guided through a predetermined **running path**, it does not contact the edge section 103we at the opening 105 of the tape...the tape cartridge 100 is moved to the position shown in Fig. 37, and the **running path** of the **magnetic tape** near the opening in the tape cartridge 100 is defined. This state is the state...

14/3,K/3           (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01431418

Optical pickup apparatus and disk drive apparatus

Optisches Abtastgerät und Plattenlaufwerk

Appareil de lecture optique et unite de disque

PATENT ASSIGNEE:

SONY CORPORATION, (214024), 7-35, Kitashinagawa 5-chome Shinagawa-ku, Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

Murata, Morihiro, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, (JP)

Suzuki, Akira, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Thevenet, Jean-Bruno et al (39781), Cabinet Beau de Lomenie 158, rue de l'Universite, 75340 Paris Cedex 07, (FR)

PATENT (CC, No, Kind, Date): EP 1209670 A2 020529 (Basic)  
APPLICATION (CC, No, Date): EP 2001402972 011121;  
PRIORITY (CC, No, Date): JP 2000355864 001122; JP 2001301594 010928  
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G11B-007/12  
ABSTRACT WORD COUNT: 137  
NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200222	1769
SPEC A	(English)	200222	10548
Total word count - document A			12317
Total word count - document B			0
Total word count - documents A + B			12317

INTERNATIONAL PATENT CLASS: G11B-007/12

...SPECIFICATION to dispose a buffer member made of a material having cushioning property such as non- woven fabric , felt or the like in a surface of a lens holder holding the objective lens...rotating device 3, and a signal is recorded and/or read to and from the optical disk 2 by the optical pickup apparatus 4 moving in the radial direction of the rotating optical disk 2.

The disk rotating device 3 is provided with a spindle motor 6 disposed on a chassis 5...

...4 is constructed on a slide base 8, and the slide base 8 is freely moved in the radial direction of the optical disk 2 held on the turntable 7 by a guide shaft 9 and a feed screw...

...other end part 8b of the slide base 8 to be fed in the axial direction of the feed screw 10, that is, the radial direction of the optical disk 2 on the turntable...

...is also slid in the same direction so that the optical pickup apparatus 4 is moved in the radial direction of the optical disk 2 on the turntable 7.

Though Fig. 1 shows an example of a mechanism for...2.

The objective lens 16 is supported and controlled by a biaxial actuator 19 to move in the focusing direction , that is, in the direction of approaching to and separating from the signal recording layer...

...holder 21. The movable part 20 is supported on the slide base 8 to freely move in the focusing direction (See an arrow F in Fig. 2) and in the tracking direction (See an arrow...

...13, the above magnetic circuit is driven, whereby the movable part 20 is caused to move in the focusing direction and in the tracking direction, the laser beam 17 irradiating the signal recording layer 2a...

14/3,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

01380265

Drive leader for a tape drive  
Führungsvorrichtung für Laufwerk  
Amorce pour unite a bande

PATENT ASSIGNEE:

QUANTUM CORPORATION, (567673), 501 Sycamore Drive, Milpitas, CA 95035,  
(US), (Applicant designated States: all)

INVENTOR:

Drechsler, Tom, 22 Holt Street, Hopkinton, Massachusetts 01748, (US)

LEGAL REPRESENTATIVE:

Charig, Raymond Julian et al (79692), Eric Potter Clarkson, Park View  
House, 58 The Ropewalk, Nottingham NG1 5DD, (GB)

PATENT (CC, No, Kind, Date): EP 1172815 A2 020116 (Basic)  
EP 1172815 A3 030507

APPLICATION (CC, No, Date): EP 2001305767 010704;

PRIORITY (CC, No, Date): US 615279 000713

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G11B-023/26 ; G11B-015/67

ABSTRACT WORD COUNT: 199

NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200203	620
SPEC A	(English)	200203	4177
Total word count - document A			4797
Total word count - document B			0
Total word count - documents A + B			4797

INTERNATIONAL PATENT CLASS: G11B-023/26 ...

... G11B-015/67

...SPECIFICATION storage tape having a thin film of magnetic material which receives the information. Typically, the **storage tape** is **moved** along a tape **path** between a pair of spaced apart reels, past a plurality of cores to record or...

...tape path. Existing drive leaders are relatively rigid and react against the bending required to **move** along the tape **path**. This increases the contact force between (i) the drive leader and the tape guides and...the second layer includes a plurality of strands that are interwoven together to form a **woven fabric** core for the drive leader. The **woven fabric** core provides a tough, highly flexible center to the drive leader. The woven core is...

...drive leader is less likely to scrape the tape guides and the cores. Additionally, the **woven fabric** core creates a rip-stop mechanism for improved durability of the drive leader. Stated another...

...the fabric core inhibits the propagation of a tear in the drive leader. Further, the **woven fabric** core creates a stress-free construction that allows drive leader to be tightly wound onto...by interlacing and/or interweaving a plurality of threads or strands 102 to form a **woven fabric** core. In this embodiment, each of the strands 102 is made of polyester. Alternately, for...

...gram weight counted per 9,000 meters of fiber filament indicating the



fineness of the **fabric** .

The **woven fabric** core 96 provides a tough, highly flexible center for the drive leader 32. With this...

...less likely to scrape the tape guides 44 and the tape head 14.

Additionally, the **woven fabric** core 96 creates a rip-stop mechanism for improved durability. Stated another way, the fabric core 96 inhibits the propagation of a tear in the drive leader 32. Moreover, the **woven fabric** core 96 creates a stress-free construction that allows drive leader 32 to be tightly...

14/3,K/5 (Item 5 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

00989999

Recording medium and disc cartridge

Aufzeichnungsträger und Plattenkassette

Support d'enregistrement et cartouche pour disque

PATENT ASSIGNEE:

SONY CORPORATION, (214021), 7-35 Kitashinagawa 6-chome Shinagawa-ku, Tokyo 141, (JP), (applicant designated states:

AT;BE;CH;CY;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Tomita, Yasushi, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Ayers, Martyn Lewis Stanley et al (42851), J.A. KEMP & CO. 14 South Square Gray's Inn, London WC1R 5LX, (GB)

PATENT (CC, No, Kind, Date): EP 895240 A1 990203 (Basic)

APPLICATION (CC, No, Date): EP 98305997 980728;

PRIORITY (CC, No, Date): JP 97206984 970731; JP 9868805 980318

DESIGNATED STATES: AT; BE; DE; DK; ES; FR; GB; IE; IT; NL; SE

INTERNATIONAL PATENT CLASS: **G11B-023/00**

ABSTRACT WORD COUNT: 124

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9905	365
SPEC A	(English)	9905	9051
Total word count - document A			9416
Total word count - document B			0
Total word count - documents A + B			9416

INTERNATIONAL PATENT CLASS: **G11B-023/00**

...SPECIFICATION by contact with the magnetic disc 200 of a protective sheet, such as a non- **woven fabric** , used for protecting the signal recording surface of the magnetic disc 200 provided in the...holder 159. When the uplifting/lowering plate 160 is in a state of having been **moved** in the **direction** indicated by arrow X1 in Fig.7 towards the back side of the base 151...the front side of the front surface panel 164, a movement actuating plate 161 is **moved** in the **direction** indicated by arrow X1 in Fig.7 for moving the uplifting/lowering plate 160 in...

...lock lever 169. The uplifting/lowering plate 160, unlocked from the lock lever 169, is **moved** in the **direction** indicated by arrow X2 in Fig.7, that is towards the front side of the...2 is fitted with certain allowance in the center opening 15, so that, if the **magnetic disc** 1 is **moved** slightly in a **direction** parallel to its major surface, there

is no risk of the rim of the magnetic...

...13 are bonded substantially ring-shaped protective sheets 23, 24 formed by, for example, non- woven fabrics . These protective sheets 23, 24 serve for preventing the recording surface of the magnetic disc...

14/3,K/6 (Item 6 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

00958495

Method for producing magnetic recording medium and magnetic medium obtainable by said method

Verfahren zur Herstellung eines magnetischen Aufzeichnungsmediums und das durch dieses Verfahren hergestellte Aufzeichnungsmedium

Procede de fabrication d'un support d'enregistrement magnetique et le support d'enregistrement magnetique obtenu par ce procede

PATENT ASSIGNEE:

TDK Corporation, (224166), 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo  
103-0027, (JP), (Proprietor designated states: all)

INVENTOR:

Hinoki, Kiyonori, 1921-3-313, Iwamura, Saku, Nagano 385-0022, (JP)  
Fukushima, Kiyoto, 320-63, Komiyama, Saku, Nagano 385-0047, (JP)

LEGAL REPRESENTATIVE:

Luderschmidt, Schuler & Partner GbR (101413), Patentanwalte,  
John-F.-Kennedy-Strasse 4, 65189 Wiesbaden, (DE)

PATENT (CC, No, Kind, Date): EP 869481 A1 981007 (Basic)  
EP 869481 B1 010530

APPLICATION (CC, No, Date): EP 98105582 980327;

PRIORITY (CC, No, Date): JP 9779433 970331

DESIGNATED STATES: DE; LU

INTERNATIONAL PATENT CLASS: G11B-005/706 ; G11B-005/842

ABSTRACT WORD COUNT: 129

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199841	100
CLAIMS B	(English)	200122	186
CLAIMS B	(German)	200122	188
CLAIMS B	(French)	200122	226
SPEC A	(English)	199841	6093
SPEC B	(English)	200122	6202
Total word count - document A			6194
Total word count - document B			6802
Total word count - documents A + B			12996

INTERNATIONAL PATENT CLASS: G11B-005/706 ...

... G11B-005/842

...SPECIFICATION various known means such as wet cleaning using water or solvents, dry cleaning using nonwoven fabrics or ultrafine fiber woven fabrics as wipers, and non-contact ...magnetic layers, and the orientation direction thereof may be longitudinal, vertical or oblique to the running direction of the magnetic recording media . Further, in order to orientate the magnetic powders in the specified directions, magnetic field generating...a gravure cylinder, and the paint was dried while orientating the magnetic powder in the running direction of the

magnetic recording medium (applying a magnetic field of 4000 G in the **running direction** ) in its wet state, thereby forming the magnetic layer. Then, surfaces of both layers were...

...SPECIFICATION various known means such as wet cleaning using water or solvents, dry cleaning using nonwoven **fabrics** or ultrafine fiber **woven fabrics** as wipers, and non-contact cleaning using compressed air, vacuum or ionized air, for cleaning...

...magnetic layers, and the orientation direction thereof may be longitudinal, vertical or oblique to the **running direction** of the **magnetic recording media** . Further, in order to orientate the magnetic powders in the specified directions, magnetic field generating ...a gravure cylinder, and the paint was dried while orientating the magnetic powder in the **running direction** of the magnetic recording medium (applying a magnetic field of 4000 G in the **running direction** ) in its wet state, thereby forming the magnetic layer. Then, surfaces of both layers were...



14/3,K/7 (Item 7 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00845946

**Magnetic recording medium**  
**Magnetischer Aufzeichnungstrager**  
**Support d'enregistrement magnetique**  
PATENT ASSIGNEE:

TDK Corporation, (224160), 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo-to  
103, (JP), (Proprietor designated states: all)

INVENTOR:

Kurose, Shigeo, 766-1, Yasuhara, Saku, Nagano, (JP)  
Somiya, Akira, 3252-2, Nakagomi, Saku, Nagano, (JP)

LEGAL REPRESENTATIVE:

Luderschmidt, Schuler & Partner GbR (101411), Patentanwalte, Postfach  
3929, 65029 Wiesbaden, (DE)

PATENT (CC, No, Kind, Date): EP 782131 A2 970702 (Basic)  
EP 782131 A3 970716  
EP 782131 B1 010328

APPLICATION (CC, No, Date): EP 96120298 961218;

PRIORITY (CC, No, Date): JP 95338430 951226

DESIGNATED STATES: DE; LU

INTERNATIONAL PATENT CLASS: **G11B-005/702**

ABSTRACT WORD COUNT: 108

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	344
CLAIMS B	(English)	200113	344
CLAIMS B	(German)	200113	296
CLAIMS B	(French)	200113	402
SPEC A	(English)	EPAB97	8594
SPEC B	(English)	200113	8578
Total word count - document A			8940
Total word count - document B			9620
Total word count - documents A + B			18560

INTERNATIONAL PATENT CLASS: **G11B-005/702**

...SPECIFICATION various known means such as wet cleaning using water or solvents, dry cleaning using nonwoven **fabrics** or ultrafine fiber **woven fabrics** as wipers, and non-contact cleaning using compressed air, vacuum or ionized air, for cleaning...

...of magnetic fields. The orientation direction thereof may be longitudinal, vertical or oblique to the **running direction** of the **magnetic recording media**. In order to orientate the magnetic particles in the specified direction, it is preferred to...

...SPECIFICATION various known means such as wet cleaning using water or solvents, dry cleaning using nonwoven **fabrics** or ultrafine fiber **woven fabrics** as wipers, and non-contact cleaning using compressed air, vacuum or ionized air, for cleaning...

...of magnetic fields. The orientation direction thereof may be longitudinal, vertical or oblique to the **running direction** of the **magnetic recording media**. In order to orientate the magnetic particles in the specified direction, it is preferred to...

14/3,K/8 (Item 8 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

00845945

**Magnetic recording medium**

**Magnetischer Aufzeichnungsträger**

**Support d'enregistrement magnetique**

PATENT ASSIGNEE:

TDK Corporation, (224160), 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo-to  
103, (JP), (Proprietor designated states: all)

INVENTOR:

Kurose, Shigeo, 766-1, Yasuhara, Saku, Nagano, (JP)

Somiya, Akira, 3252-2, Nakagomi, Saku, Nagano, (JP)

LEGAL REPRESENTATIVE:

Luderschmidt, Schuler & Partner GbR (101411), Patentanwälte, Postfach  
3929, 65029 Wiesbaden, (DE)

PATENT (CC, No, Kind, Date): EP 782130 A2 970702 (Basic)

EP 782130 A3 970716

EP 782130 B1 000809

APPLICATION (CC, No, Date): EP 96120297 961218;

PRIORITY (CC, No, Date): JP 95338431 951226

DESIGNATED STATES: DE; LU

INTERNATIONAL PATENT CLASS: **G11B-005/702**

ABSTRACT WORD COUNT: 107

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200032	342
CLAIMS B	(German)	200032	289
CLAIMS B	(French)	200032	362
SPEC B	(English)	200032	8551
Total word count - document A			0
Total word count - document B			9544
Total word count - documents A + B			9544

INTERNATIONAL PATENT CLASS: **G11B-005/702**

14/3,K/9 (Item 9 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00671773

Automatic attitude correcting system for optical disc device  
Automatisches Orientierungskorrektursystem für optische Plattengeräte  
Système automatique pour corriger l'orientation, destiné à un dispositif de  
disque optique

PATENT ASSIGNEE:

VICTOR COMPANY OF JAPAN, LTD., (278642), 12, Moriya-Cho 3-Chome,  
Kanagawa-Ku, Yokohama-Shi, Kanagawa-Ken, (JP), (applicant designated  
states: DE;FR;GB)

INVENTOR:

Mochizuki, Masaki, 2-6-18-501, Kamariya-higashi, Kanazawa-ku,  
Yokohama-shi, Kanagawa-ken, (JP)

LEGAL REPRESENTATIVE:

Gladwin, Philip (153321), P. Gladwin & Co P.O.Box 650, Great Missenden,  
Bucks. HP16 9QT, (GB)

PATENT (CC, No, Kind, Date): EP 644536 A1 950322 (Basic)  
EP 644536 B1 990623

APPLICATION (CC, No, Date): EP 94306876 940920;

PRIORITY (CC, No, Date): JP 25918693 930922; JP 29915493 931105; JP  
34194593 931213

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G11B-007/09 ; G11B-007/095 ; G11B-007/00

ABSTRACT WORD COUNT: 193

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9925	1087
CLAIMS B	(German)	9925	884
CLAIMS B	(French)	9925	1221
SPEC B	(English)	9925	12172
Total word count - document A			0
Total word count - document B			15364
Total word count - documents A + B			15364

INTERNATIONAL PATENT CLASS: G11B-007/09 ...

... G11B-007/095 ...

... G11B-007/00

...SPECIFICATION dust, scratches thereon, uneven thickness of a transparent substrate thereof, unevenness of refractive index of **material**, tilt (**warp**, runout) of the surface of an optical disc, etc. Therefore, in the conventional correcting methods...beam spot is formed on the surface of the optical disc. The objective lens is **moved** in a **direction** perpendicular to the surface of the optical disc by a focus actuator (not show) to...

...of the beam spot from a center of the track while the objective lens is **moved** in a radial **direction** of the **optical disc** by a tracking actuator (not shown).

In addition, the tilt control is performed so as...deviation of the beam spot from the center of track while the objective lens is **moved** in

a radial direction of the optical disc 101 by a tracking actuator (not shown).

In addition, a tilt control is performed so...beam spot on the optical disc 201. In the focus control, the objective lens is moved in a direction perpendicular to the surface of the optical disc by an unshown focus actuator.

The tracking...

...the beam spot from the center line of the track as the objective lens is moved in a radial direction of the optical disc 201 by an unshown tracking actuator.

In addition, a tilt control is performed so that...

14/3,K/10 (Item 10 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00314455

A magnetic recording disk cartridge.

Magnetaufnahmen-Plattenkassette.

Cassette a disque a enregistrement magnetique.

PATENT ASSIGNEE:

TEIJIN LIMITED, (394080), 11 Minamihonmachi 1-chome Higashi-ku, Osaka-shi  
Osaka 541, (JP), (applicant designated states: DE;FR;GB;NL)

INVENTOR:

Kadokura, Sadao, 940-15, Utsugimachi, Hachioji-shi Tokyo, (JP)  
Kamei, Kazuhiro, 3-18-4-222, Tamadaira, Hino-shi Tokyo, (JP)  
Watamura, Yoshihisa, 3-18-4-213, Tamadaira, Hino-shi Tokyo, (JP)

LEGAL REPRESENTATIVE:

Arthur, Bryan Edward et al (27781), 4 Dyers Buildings Holborn, London,  
EC1N 2JT, (GB)

PATENT (CC, No, Kind, Date): EP 299783 A2 890118 (Basic)  
EP 299783 A3 900131  
EP 299783 B1 940601

APPLICATION (CC, No, Date): EP 88306487 880715;

PRIORITY (CC, No, Date): JP 87175981 870716; JP 87236303 870922

DESIGNATED STATES: DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: G11B-023/03 ; G11B-023/033 ; G11B-005/82

ABSTRACT WORD COUNT: 97

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	970
CLAIMS B	(German)	EPBBF1	863
CLAIMS B	(French)	EPBBF1	1087
SPEC B	(English)	EPBBF1	8630
Total word count - document A			0
Total word count - document B			11550
Total word count - documents A + B			11550

INTERNATIONAL PATENT CLASS: G11B-023/03 ...

... G11B-023/033 ...

... G11B-005/82

...SPECIFICATION it is difficult to realize a reliable magnetic disk drive system when the conventional non- woven cloth liner is used for a

cartridge of the thin film type flexible magnetic recording disk...the ring members 27a and 27b is closely related to a physical property of these **ring members** 27a and **27b** when in sliding contact with the magnetic recording disk 10. Namely, it was experimentarily confirmed that, when...

...27a and 27b have a round cross section taken along a plane perpendicular to the **running direction** of the **magnetic recording disk 10**, and when the radius of curvature of the round section is equal to or more than...

File 2:INSPEC 1898-2005/Nov W4  
(c) 2005 Institution of Electrical Engineers

File 6:NTIS 1964-2005/Nov W4  
(c) 2005 NTIS, Intl Cpyrght All Rights Res

File 8:Ei Compendex(R) 1970-2005/Nov W4  
(c) 2005 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2005/Nov W4  
(c) 2005 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2005/Nov  
(c) 2005 ProQuest Info&Learning

File 56:Computer and Information Systems Abstracts 1966-2005/Nov  
(c) 2005 CSA.

File 57:Electronics & Communications Abstracts 1966-2005/Nov  
(c) 2005 CSA.

File 65:Inside Conferences 1993-2005/Dec W1  
(c) 2005 BLDSC all rts. reserv.

File 67:World Textiles 1968-2005/Dec  
(c) 2005 Elsevier Science Ltd.

File 94:JICST-EPlus 1985-2005/Oct W1  
(c)2005 Japan Science and Tech Corp(JST)

File 95:TEME-Technology & Management 1989-2005/Oct W5  
(c) 2005 FIZ TECHNIK

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct  
(c) 2005 The HW Wilson Co.

File 144:Pascal 1973-2005/Nov W4  
(c) 2005 INIST/CNRS

File 240:PAPERCHEM 1967-2005/Nov W4  
(c) 2005 Elsevier Eng. Info. Inc.

File 293:Engineered Materials Abstracts 1966-2005/Nov  
(c) 2005 CSA.

File 323:RAPRA Rubber & Plastics 1972-2005/Oct  
(c) 2005 RAPRA Technology Ltd

File 399:CA SEARCH(R) 1967-2005/UD=14324  
(c) 2005 American Chemical Society

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group

File 603:Newspaper Abstracts 1984-1988  
(c)2001 ProQuest Info&Learning

File 483:Newspaper Abs Daily 1986-2005/Dec 05  
(c) 2005 ProQuest Info&Learning

File 248:PIRA 1975-2005/Nov W3  
(c) 2005 Pira International

Set	Items	Description
S1	61255	(UNBALANCED() (WEAVE?? OR WEAVING) OR WOVEN OR WARP OR WEFT- ) (3N) (MATERIAL?? OR FABRIC?? OR TEXTILE?? OR CLOTH)
S2	40	(TAPE?? OR CLEAN?(3N)TAPE??) (3N) (SEA?ISLAND OR POROUS OR F- OAM? OR ULTRA OR MICRO ) (1N) (FIBER?? OR FIBRE?? OR DENIER)
S3	37249	(RUN???? OR MOV??? OR TRAVEL??? OR FEED???) (3N) (DIRECTION - OR ORIENTAT??? OR PATH?)
S4	3	((MEDIA OR TAPE OR DISC?? OR DISK?? OR WEB????) (3N) (MAGNET- IC? OR OPTIC? OR STORAGE? OR RECORD???) ) (3N) S3
S5	0	AU=(MITSUNOBU, U? OR MITSUNOBU U?)
S6	0	S1 AND S2
S7	0	S2 AND S3
S8	0	S1 AND S4
S9	180	((MEDIA OR TAPE OR DISC?? OR DISK?? OR WEB????) (3N) (MAGNET- IC? OR OPTIC? OR STORAGE? OR RECORD???) )AND S3
S10	0	S1 AND S9



S11 36 (TAPE?? OR CLEAN?(3N)TAPE??)(3N)((SEA?ISLAND OR POROUS OR -  
 FOAM? OR ULTRA OR MICRO)(3N)(FIBER?? OR FIBRE?? OR DENIER))  
 S12 34 S2 AND S11  
 S13 23 RD (unique items)  
 S14 13 S13 NOT PY>2002  
 S15 0 S14 AND (WARP OR WEFT)  
 S16 9 S14 NOT (ADHESIVE OR SHUTTLE)  
 S17 8 (S2 OR S11) NOT S12  
 S18 8 RD (unique items)  
 S19 5 S18 NOT PY>2002  
 S20 0 S15 AND (WARP OR WEFT)  
 S21 8562 S1(3N)(WARP OR WEFT)  
 S22 5 S21(3N)((SEA?ISLAND OR POROUS OR FOAM? OR ULTRA OR MICRO)(-  
 3N)(FIBER?? OR FIBRE?? OR DENIER))  
 S23 158 S21(3N)(TAPE?? OR CLEAN?(3N)TAPE??)  
 S24 0 S23 AND S3  
 S25 0 S23(3N)((MEDIA OR TAPE OR DISC?? OR DISK?? OR WEB????)(3N)-  
 (MAGNETIC? OR OPTIC? OR STORAGE? OR RECORD????))  
 S26 127 RD S23 (unique items)  
 S27 118 S26 NOT PY>2002  
 S28 2 S27 AND (PERPENDICULAR OR NORMAL OR 90()DEGREE?? OR NINETY-  
 ()DEGREE?? OR STRAIGHT OR UPRIGHT)  
 S29 0 S27(3N)(PARALLEL OR (SAME OR LENGTH)(3N)(DIRECTION OR PATH  
 OR ORIENTATION))  
 S30 29 RD S2 (unique items)  
 S31 16 S30 NOT PY>2002  
 S32 4 S31 NOT (S4 OR S16 OR S19 OR S22 OR S28)

4/3,K/1 (Item 1 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

01721172 E.I. Monthly No: EI8501002088 E.I. Yearly No: EI85030562  
Title: **MARKOV ALGORITHM FOR DISTRIBUTING A DATA BASE ON A MAGNETIC DISK WITH MOVABLE HEADS.**  
Author: Nikolaev, V. I.; Ordin, V. V.; Petukhov, O. A.  
Source: Automation and Remote Control (English translation of Avtomatika i Telemekhanika) v 45 pt 2 n 4 Apr 1984 p 536-541  
Publication Year: 1984  
CODEN: AURCAT ISSN: 0005-1179  
Language: ENGLISH

Identifiers: DISCRETE MARKOV CHAIN; **MAGNETIC DISK ; HEAD TRAVEL PATH**

4/3,K/2 (Item 1 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2005 Pira International. All rts. reserv.

00492322 Pira Acc. Num.: 40015491  
Title: **Video Camera**  
Authors: Kawase K; Narita H; Yoshida M  
Patent Assignee: Canon KK  
Patent Number: US 5657083 Patent Date: 970812  
Application number: JP 310032 Application Date: 940921  
Publication Year: 1997  
Document Type: Patent  
Language: English

...Abstract: to be parallel with the optical axis of this sensing system. A mechanism including a **magnetic tape** , which **moves** in a predetermined **path** , is disposed inside the camera; the plane in which this tape moves is arranged to...

4/3,K/3 (Item 2 from file: 248)  
DIALOG(R)File 248:PIRA  
(c) 2005 Pira International. All rts. reserv.

00078694 Pira Acc. Num.: 40711581  
Title: **VIDEO AND SOUND SIGNAL RECORDING AND REPRODUCING DEVICE**  
Authors: Watatani Yoshizum; Ito Shigeyuki; Mohri Katsuo  
Patent Assignee: HITACHI LTD  
Patent Number: US 4453186 Application Date: 840605  
Document Type: Patent  
Language: unspecified

...Abstract: recording a sound signal independently of the picture signal by a stationary head in a **direction** parallel with the **traveling direction** of the **magnetic tape** .

16/3,K/1 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

06264987 INSPEC Abstract Number: A9612-8170C-001, B9606-0590-023,  
C9606-3355Z-005

**Title: Laser optical on-line monitoring of fibre composites. A new technique for quality control of transparent materials**

Author(s): Kreuzberger, S.; Lange, A.; Hentschel, M.P.

Journal: Materialpruefung vol.37, no.10 p.388-92

Publisher: Carl Hanser Verlag,

Publication Date: Oct. 1995 Country of Publication: West Germany

CODEN: MTPRAJ ISSN: 0025-5300

SICI: 0025-5300(199510)37:10L:388:LOLM;1-A

Material Identity Number: I705-96002

Language: German

Subfile: A B C

Copyright 1996, FIZ Karlsruhe

...Abstract: task of quality control, but rarely realized. In order to perform continuous monitoring of the **micro** structure of transparent **fibre** composite **tapes**, a new kind of optical refraction installation has been developed. The performance of the technique...

16/3,K/2 (Item 1 from file: 6)  
DIALOG(R)File 6:NTIS  
(c) 2005 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

0322437 NTIS Accession Number: N72-18581/XAB

**Improved Oxidation-Resistant Carbon and Graphite Materials**

Muir, H. M.

Astro Research Corp., Santa Barbara, Calif.

Report No.: NASA-CR-1970; ARC-R-411

Mar 72 18p

Journal Announcement: GRAI7212; STAR1009

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02/MF A01

...and strength properties determined. Carbon and graphite materials used in the preliminary study include **fiber**, **tape**, felt, **foam**, bulk, and laminar configurations. The silicon-carbide treatment used in preparing the oxidation resistant specimens...

16/3,K/3 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04316270 E.I. No: EIP96012988825

**Title: Structural and hydraulic characteristics of the porous materials from VT6 titanium alloy fibres**

Author: Kostornov, A.G.; Akhmedov, M.Kh.

Corporate Source: Inst Problem Materialovedeniya AN Ukrainy, Kiev, Ukraine

Source: Poroshkovaya Metallurgiya n 5-6 May-June 1995. p 85-89

Publication Year: 1995

CODEN: PMANAI  
Language: Russian

Descriptors: \*Powder metallurgy; Titanium alloys; **Porous materials;**  
**Fibers ; Tapes ;** Sintering; Metal pressing; Microstructure; Hydraulic  
conductivity

**16/3,K/4 (Item 1 from file: 34)**  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2005 Inst for Sci Info. All rts. reserv.

09930495 Genuine Article#: 465CH No. References: 20  
**Title: Two-step process for micro-lens-fibre fabrication using a continuous  
CO2 laser source**  
Author(s): Malki A (REPRINT) ; Bachelot R; Van Lauwe F  
Corporate Source: Univ Rouen,IUT Rouen, Lab Elect Microtechnol &  
Instrumentat,Rue Lavoisier/F-76821 Mont St Aignan//France/ (REPRINT);  
Univ Rouen,IUT Rouen, Lab Elect Microtechnol & Instrumentat,F-76821  
Mont St Aignan//France/; Univ Technol Troyes,Lab Nanotechnol &  
Instrumentat Opt,F-10010 Troyes//France/  
Journal: JOURNAL OF OPTICS A-PURE AND APPLIED OPTICS, 2001, V3, N4 (JUL), P  
291-295  
ISSN: 1464-4258 Publication date: 20010700  
Publisher: IOP PUBLISHING LTD, DIRAC HOUSE, TEMPLE BACK, BRISTOL BS1 6BE,  
ENGLAND  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

**16/3,K/5 (Item 2 from file: 34)**  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2005 Inst for Sci Info. All rts. reserv.

02691330 Genuine Article#: LX105 No. References: 22  
**Title: PHOTO-CROSS-LINKING OF ORIENTED ULTRA-HIGH-MOLECULAR-WEIGHT  
POLYETHYLENE**  
Author(s): ZAMOTAEV PV; CHODAK I  
Corporate Source: UKRAINIAN ACAD SCI,INST OIL & BIOORGAN  
CHEM/KIEV//UKRAINA/; SLOVAK ACAD SCI,INST POLYMER/CS-80936  
BRATISLAVA//CZECHOSLOVAKIA/  
Journal: ANGEWANDTE MAKROMOLEKULARE CHEMIE, 1993, V210, AUG (AUG), P119-128  
ISSN: 0003-3146  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Abstract: The crosslinking of drawn **tapes** and **fibers** from **ultra** -high  
molecular weight polyethylene (UHMW-PE) initiated by UV-irradiation has  
been investigated. Both xanthone...

**16/3,K/6 (Item 1 from file: 240)**  
DIALOG(R)File 240:PAPERCHEM  
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

00050075 PAPERCHM NO: AB4208304  
**YARNS**  
Chapman, D. R.; Rex, N. R.; Courtaulds Ltd  
PATENT NUMBER: GB 1227757 PATENT DATE: 710407  
SOURCE: Brit. pat. 1,227,757. Issued April 7, 1971. 16 claims. 4 p.

DESCRIPTORS: BINDERS; CARBON FIBERS; CONTINUOUS PROCESS; EPOXIDES; GREAT

BRITAIN; OXYGEN HETEROCYCLES; PATENTS; **POROUS MATERIALS; STAPLE FIBERS ;  
SYNTHETIC FIBERS ; TAPE ; YARN; ENGLISH**

**16/3,K/7 (Item 1 from file: 323)**  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
(c) 2005 RAPRA Technology Ltd. All rts. reserv.

00467137  
**TITLE: NEW RECYCLING PROCESS: GREATER FLEXIBILITY AND EFFICIENCY**  
SOURCE: PV International Plastics Magazine; Oct.1992, p.46/50  
ISSN: 0941-8938  
JOURNAL ANNOUNCEMENT: 199304 RAPRA UPDATE: 199305  
DOCUMENT TYPE: Journal Article  
LANGUAGE: English  
SUBFILE: (R) RAPRA

...ABSTRACT: to make a single-stage regranulation process that handles all  
kinds of plastic waste, film, **fibre , foam , tape ,** mouldings etc.

**16/3,K/8 (Item 2 from file: 323)**  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
(c) 2005 RAPRA Technology Ltd. All rts. reserv.

00454379  
**TITLE: RECYCLINGTECHNIC. CUTTING UNIT IN COMBINATION WITH EXTRUSION LINE**  
CORPORATE SOURCE: PLASTMACHINES GELDERLAND GMBH; SULLIVAN PLASTICS  
MACHINERY LTD.  
SOURCE: Munich, c.1992, pp.4. 12ins. 23/3/92. 28(13)  
JOURNAL ANNOUNCEMENT: 199211 RAPRA UPDATE: 199219  
DOCUMENT TYPE: Trade Literature  
LANGUAGE: English  
SUBFILE: (R) RAPRA

...ABSTRACT: unit and extrusion line, designed to automatically reprocess  
thin-walled thermoplastic waste such as film, **tapes , fibres , foams**  
etc. The Machine grinds, compacts, plasticisers, filters and  
pelletises.

**16/3,K/9 (Item 1 from file: 399)**  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2005 American Chemical Society. All rts. reserv.

**130074912 CA: 130(6)74912y PATENT**  
**Porous electrically insulating mica tape with UV-crosslinkable varnish,  
manufacturing and applications of the same**  
INVENTOR(AUTHOR): Dubuisson, Alain; Kamenetsky, Daniel  
LOCATION: Fr.  
ASSIGNEE: Gec Alsthom Electromecanique S. A.  
PATENT: European Pat. Appl. ; EP 884737 A1 DATE: 19981216  
APPLICATION: EP 98401356 (19980608) \*FR 977377 (19970613)  
PAGES: 6 pp. CODEN: EPXXDW LANGUAGE: French CLASS: H01B-003/04A;  
D21H-013/44B; D21H-025/06B DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES;  
FR; GB; GR; IT; LI; LU; NL; SE; MC; PT; IE; SI; LT; LV; FI; RO

19/3,K/1 (Item 1 from file: 240)  
DIALOG(R)File 240:PAPERCHEM  
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

00144012 PAPERCHEM NO: AB5005941  
**METHOD FOR FORMING FIBROUS SAUSAGE CASINGS**  
McNeill, F. M.; Bridgeford, D. J.; Tee-Pak Inc  
PATENT NUMBER: CA 1053418 PATENT DATE: 790501 PATENT CLASS#: 18-190  
PATENT APP# - DATE OF APPLICATION  
CA 226419 - 750506  
US 467978 - 740508  
SOURCE: Can. pat. 1,053,418. Issued May 1, 1979. 16 claims. 16 p.  
Cl.18-190. Filed: Can. appln. 226,419 (May 6, 1975). Priority: U.S. appln.  
467,978 (May 8, 1974).

...DESCRIPTORS: FORMERS; FLUID; FOOD; GAS PERMEABILITY; GLUCANS; GRANULES  
; HOLOCELLULOSE; IMPREGNATION; MEAT; NYLON; PAPER WEBS; PATENTS;  
POLYSACCHARIDES; **POROUS** MATERIALS; REGENERATED CELLULOSE; SYNTHETIC  
**FIBERS ; TAPE ;** TEXTILE FIBERS; TUBES; VISCOSE; WEBS

19/3,K/2 (Item 1 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
(c) 2005 RAPRA Technology Ltd. All rts. reserv.

00334791  
**TITLE: CROSSLINKED ULTRA HIGH STRENGTH POLYETHYLENE FIBRES**  
AUTHOR(S): Hikmet R; Lemstra P J; Keller A  
CORPORATE SOURCE: BRISTOL,UNIVERSITY; EINDHOVEN,UNIVERSITY OF TECHNOLOGY  
SOURCE: Colloid & Polymer Science; 265, No.3, March 1987, p.185-92  
ISSN: 0303-402X  
CODEN: CPMSB6 JOURNAL ANNOUNCEMENT: 198708 RAPRA UPDATE: 198716  
DOCUMENT TYPE: Journal Article  
LANGUAGE: English

...DESCRIPTORS: THERMAL STABILITY; IRRADIATION CROSSLINKING; RADIATION  
CROSSLINKING; MECHANICAL PROPERTIES; MODULUS; PE; ETHYLENE POLYMER;  
PLASTIC; SPINNING; STRENGTH; **TAPE ;** TECHNICAL; TENACITY; THERMOPLASTIC  
; **ULTRA -HIGH** MODULUS; **FIBER**

19/3,K/3 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2005 American Chemical Society. All rts. reserv.

125302717 CA: 125(24)302717t **PATENT**  
**Production of high-strength yarns and cross-ply laminates**  
INVENTOR(AUTHOR): Kurihara, Kazuhiko; Yazawa, Hiroshi  
LOCATION: Japan,  
ASSIGNEE: Nippon Petrochemicals Co., Ltd.; Polymer Processing Research  
Institute Limited  
PATENT: European Pat. Appl. ; EP 733460 A2 DATE: 960925  
APPLICATION: EP 96104632 (960322) \*JP 9591653 (950324) \*JP 9591654  
(950324)  
PAGES: 28 pp. CODEN: EPXXDW LANGUAGE: English CLASS: B29C-055/12A;  
B32B-031/04B; B32B-027/32B DESIGNATED COUNTRIES: DE; FR; GB; NL

19/3,K/4 (Item 2 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)

(c) 2005 American Chemical Society. All rts. reserv.

124291905 CA: 124(22)291905d PATENT

Pressure-sensitive adhesive tapes using porous substrates

INVENTOR(AUTHOR): Nagatsu, Hideki; Tachibana, Katsuhiko; Morioka, Akira

LOCATION: Japan,

ASSIGNEE: Nitto Denko Corp

PATENT: Japan Kokai Tokkyo Koho ; JP 9639715 A2 ; JP 0839715 DATE:

960213

APPLICATION: JP 94182448 (940803)

PAGES: 4 pp. CODEN: JKXXAF LANGUAGE: Japanese CLASS: B32B-007/12A;  
B32B-027/00B; C09J-007/04B

19/3,K/5 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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102080168 CA: 102(10)80168y PATENT

Primary backing of foamed polypropylene tapes and tufted carpets produced  
from them

INVENTOR(AUTHOR): Fujishita, Kusuo; Sakamoto, Hideshi; Yamazawa, Tomio;  
Yamaguchi, Junichi

LOCATION: Japan,

ASSIGNEE: Chisso Corp. ; Japan Polypro Backing Co., Ltd.

PATENT: United States ; US 4482595 A DATE: 841113

APPLICATION: US 591496 (840320)

PAGES: 8 pp. CODEN: USXXAM LANGUAGE: English CLASS: 428095000;  
B32B-027/16

22/3,K/1 (Item 1 from file: 67)  
DIALOG(R)File 67:World Textiles  
(c) 2005 Elsevier Science Ltd. All rts. reserv.

00308844 WORLD TEXTILE NO: 2056153  
**Textile filter media as efficient airborne substance extractors**  
AUTHOR(S): Schlenker U.  
CORPORATE SOURCE: U. Schlenker, Karl Mayer GmbH, Obertshausen, Germany  
Industrial Fabrics Bulletin, 13/1 (55-56), 2003  
COUNTRY OF PUBLICATION: Switzerland  
DOCUMENT TYPE: Journal; Article  
RECORD TYPE: ABSTRACT  
LANGUAGES: ENGLISH SUMMARY LANGUAGES: ENGLISH

The German Schumann compact filter company has introduced a **warp** knitted nonwoven composite **fabric** filter **material** with **weft** insertion and **micro** -split **fiber** nonwovens. This **warp** knitted composite filter **material** is lightweight and offers extraordinary high extraction performance, and effective compliance with all regulation-controlled...

22/3,K/2 (Item 2 from file: 67)  
DIALOG(R)File 67:World Textiles  
(c) 2005 Elsevier Science Ltd. All rts. reserv.

00276669 WORLD TEXTILE NO: 2023065  
**Optimum combination for the efficient separation**  
Kettenwirk-Praxis, 35/4 (18-19), 2002  
COUNTRY OF PUBLICATION: Germany  
DOCUMENT TYPE: Journal; Article  
RECORD TYPE: ABSTRACT  
ISSN: 0170-401X  
LANGUAGES: ENGLISH SUMMARY LANGUAGES: ENGLISH

...which improve the industrial filtration of exhaust gases. The new nonwoven filter composites comprise a **weft** -inserted, warpknitted **fabric** and **micro** split- **fibre** webs. This results in better separation performance, lower differential pressures, reduced energy consumption and longer...

22/3,K/3 (Item 3 from file: 67)  
DIALOG(R)File 67:World Textiles  
(c) 2005 Elsevier Science Ltd. All rts. reserv.

00151528 WORLD TEXTILE NO: 8801018 SUBFILE: BTTG (Shirley Institute)  
**Process for producing a cohesive, self-adhesive, rigid or elastic bandage for fixing, compression and support dressings for medical purposes and bandage produced by this process**  
AUTHOR(S): Braun A.G. Karl Otto; Schafer E.; Jung H.  
CORPORATE SOURCE: KARL OTTO BRAUN  
DOCUMENT TYPE: Patents; Patent  
RECORD TYPE: ABSTRACT  
PATENT NO: USP 4 699 133  
PRIORITY APPLICATION: 13 October 1987 Priority application: Germany (FRG), 2912129, 28 March 1978.  
LANGUAGES: ENGLISH

A cohesive bandage comprises a **fabric** of **warp** and **weft** threads



forming a **porous** structure with projecting **fibre** ends. Adhesive particles are bonded to these fibre ends on both surfaces of the fabric...

22/3,K/4 (Item 1 from file: 95)  
DIALOG(R) File 95:TEME-Technology & Management  
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01908646 20041001338

**Featherweight fabrics pack a punch**

(Federleichte Maschenware - wettbewerbsfaehig im Lingerie- und Unterwaesche-Sektor?)

Bremner, Norman

Knitting International, v111, n1318, pp36-37, 2004

Document type: journal article Language: English

Record type: Abstract

ISSN: 0266-8394

DESCRIPTORS: LINGERIE; **ULTRA FINE FIBERS** ; COMPETITIVITY; **WEFT KNITTED FABRICS** ; **WEFT KNIT STRUCTURE**; **WEFT KNITTING**; **LIGHTWEIGHT FABRICS** ; CIRCULAR KNITTING MACHINES; **WEFT EFFECT**; **CLOTH --**

22/3,K/5 (Item 1 from file: 248)  
DIALOG(R) File 248:PIRA  
(c) 2005 Pira International. All rts. reserv.

00388474 Pira Acc. Num.: 20011712

**Title: AKZO'S OFFERING IN MICRO'S**

Authors: Nicholson T

Source: Paper presented at [Microfibre]s - the State of the Art and their Future held at Ghent, Belgium, 19-20 Oct. 1993, 21 pp [Leeds, UK: British Textile Technology Group, 1993, #75.00 (677.4)(10422)

Publication Year: 1993

Document Type: Conference Publication

Language: English

...Abstract: advanced high speed looms both in warp and weft and can also be used in **warp** knit **fabrics** . **Micro** staple **fibres** are used less frequently than micro filament yarns possible because of their lower pilling resistance...

28/3,K/1 (Item 1 from file: 293)  
DIALOG(R)File 293:Engineered Materials Abstracts  
(c) 2005 CSA. All rts. reserv.

0000070562 IP ACCESSION NO: 8911D2-D-0994  
**Fabric Made From Flat Thermoplastic Melt Impregnated Tow**

Binnersley, E K; Batman, J M  
Du Pont de Nemours

Off. Gaz. Off. Gaz., 28 Mar. 1989  
PUBLICATION DATE: 1989

, USA  
COUNTRY OF PUBLICATION: USA

RECORD TYPE: Abstract  
LANGUAGE: English  
ISSN: 0360-5132  
FILE SEGMENT: Engineering Materials Abstracts

ABSTRACT:

... arranged so that a line parallel to the surface of each of the tapes and **perpendicular** to its longitudinal axis is in the plane of the fabric throughout the **fabric**, the **warp** and **weft tapes** having edges that are abutting substantially throughout the fabric.



28/3,K/2 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2005 American Chemical Society. All rts. reserv.

120109160 CA: 120(10)109160z **PATENT**  
**Polyester multifilament fabrics for straight-line tearable adhesive tapes**  
INVENTOR(AUTHOR): Sugawara, Hiroshi  
LOCATION: Japan,  
ASSIGNEE: Asahi Chemical Ind  
PATENT: Japan Kokai Tokkyo Koho ; JP 93263334 A2 ; JP 05263334 DATE:  
931012  
APPLICATION: JP 9260354 (920317)  
PAGES: 4 pp. CODEN: JKXXAF LANGUAGE: Japanese CLASS: D03D-001/00A;  
C09J-007/04B; D03D-015/00B; D06M-015/00

32/3,K/1 (Item 1 from file: 95)  
DIALOG(R)File 95:TEME-Technology & Management  
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00633931 T92110067182

**Tenacious fibres**

(Fest haftende Fasern)

Jones, D

Nature, v359, n6398, pp780, 1992

Document type: Short journal article Language: English

Record type: Abstract

ISSN: 0028-0836

DESCRIPTORS: **ULTRA FINE FIBERS** ; ADHESION; FELTS; ADHESIVE **TAPES** ;  
FIBER BLEND; VAN DER WAALS FORCES

32/3,K/2 (Item 1 from file: 323)  
DIALOG(R)File 323:RAPRA Rubber & Plastics  
(c) 2005 RAPRA Technology Ltd. All rts. reserv.

00223937

**TITLE: SPACE SHUTTLE'S MANIPULATOR ARM MADE OF GRAPHITE FIBRE COMPOSITE**

SOURCE: Polymer News; 8, No.9, Dec.1982, p.278

ISSN: 0032-3918

CODEN: PLYNBU JOURNAL ANNOUNCEMENT: 198303 RAPRA UPDATE: 198304

DOCUMENT TYPE: Journal Article

LANGUAGE: English

ABSTRACT: The use of an epoxy resin matrix reinforced with Celion GY-70  
**ultra** -high modulus graphite **fibre** **tape** for the manufacture of the  
upper arm and forearm of Columbia's manipulator arm is...

32/3,K/3 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2005 American Chemical Society. All rts. reserv.

127110076 CA: 127(8)110076c **PATENT**

**Manufacture of peelable adhesive tapes having porous fiber bases**

INVENTOR(AUTHOR): Iwade, Tetsunari

LOCATION: Japan,

ASSIGNEE: Sekisui Chemical Co., Ltd.

PATENT: Japan Kokai Tokkyo Koho ; JP 97169965 A2 ; JP 09169965 DATE:  
19970630

APPLICATION: JP 95333167 (19951221)

PAGES: 8 pp. CODEN: JKXXAF LANGUAGE: Japanese CLASS: C09J-007/04A;  
C09J-007/04B

32/3,K/4 (Item 2 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2005 American Chemical Society. All rts. reserv.

94176324 CA: 94(22)176324p **PATENT**

**Tension bands for Brown tubes**

LOCATION: Japan,

ASSIGNEE: Nitto Electric Industrial Co., Ltd.

PATENT: Japan Kokai Tokkyo Koho JP 80157847 DATE: 801208

APPLICATION: Japan JP 7965387 DATE: 790525  
PAGES: 8 pp. CODEN: JKXXAF LANGUAGE: Japanese CLASS: H01J-029/87;  
C09J-007/02;